REMARKS

The present response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Applicants assert that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims is respectfully requested.

Status of Claims

Claims 1-27 and 39-53 are pending in the application. Claims 1-27 and 39-53 have been rejected. Claims 1, 10-14, 23-27 and 39 have been amended.

Applicants respectfully assert that the amendments to the claims add no new matter and are fully supported by the disclosure of the application as filed.

CLAIM REJECTIONS

35 U.S.C. § 112 Rejections

In the Office Action, the Examiner rejected claims 1-27 and 39-53 under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement.

More specifically, the Examiner rejected claims 1-27 and 39-53 because he contended that the phrase "text that expresses a thought", as recited in claims 1, 14, 27 and 39, was not supported in the specification. The Examiner was "unable to locate anywhere in the disclosure, the teaching of how 'text expresses a thought' ".

The Examiner has also rejected claims 1-27 and 39-53 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicants regard as the invention.

More specifically, the Examiner rejected claims 1-27 and 39-53 because he contended that although "...text can result from an expressed thought", the Examiner could not determine "...how the text, itself, has the ability to express thought..."

Applicants have voluntarily amended claims 1, 14, 27 and 39 to remove objected-to language.

Claim 1 now cites in part: "A method for language enhancement, comprising: receiving text ~~that expresses a thought~~; identifying grammatical constructs within the text; and...";

Claim 14 now cites in part: "Language enhancement apparatus, comprising: a memory for storing text ~~that expresses a thought~~; a natural language parser for identifying grammatical constructs within the text; and...";

Claim 27 now cites in part: "A computer-readable storage medium storing program code for causing a computer to perform the steps of: receiving text ~~that expresses a thought~~; identifying grammatical constructs within the text; and...";and

Claim 39 now cites in part: "A web service comprising: receiving a request including one or more sentences of natural language text ~~that expresses a thought~~; deriving at least...".

In light of these amendments, Applicants respectfully assert that these rejections are now rendered moot. Therefore, Applicants respectfully assert that claims 1-27 and 39-53 are proper under 35 U.S.C. § 112, and requests that the rejections be withdrawn.

35 U.S.C. § 102 Rejections

In the Office Action, the Examiner rejected claims 1-10, 14-23, 27, 40, and 43-47 under 35 U.S.C. § 102(e), as being anticipated by Volcani et al. (Volcani, US 2003/0212655). Applicants respectfully disagree with these rejections due to the fact that the cited reference neither teaches nor suggests all the claims limitations cited in independent claims 1, 14, 27 and 39 as filed. However, in the interest of expediting the prosecution of the present

Application, Applicants have voluntarily amended independent claims 1, 14, 27 and 39 to further define what the Applicants consider to be the invention.

More specifically independent claims 1, 14, 27 and 39 recite (after amendment):

1. "A method for language enhancement, comprising:

> receiving text;

> identifying grammatical constructs within the text; and

enhancing the received text by determining at least one alternate text portion **based on a dynamic profile** for at least one original portion of the text, the alternate text portion being consistent with the grammatical constructs of the original portion and having substantially the same meaning as the original portion but conveying a different impression."

14. "Language enhancement apparatus, comprising:

> a memory for storing text;

> a natural language parser for identifying grammatical constructs within the text; and

> a natural language enricher for enhancing the text by determining at least one alternate text portion **based on a dynamic profile** for at least one original portion of the text, the alternate text portion being consistent with the grammatical constructs of the original portion and having substantially the same meaning as the original portion but conveying a different impression."

27. "A computer-readable storage medium storing program code for causing a computer to perform the steps of:

> receiving text;

> identifying grammatical constructs within the text; and

enhancing the received text by determining at least one alternate text portion **based on a dynamic profile** for at least one original portion of the text, the alternate text portion being consistent with the grammatical constructs of the

original portion and having substantially the same meaning as the original portion but conveying a different impression."

39. "A web service comprising:

receiving a request including one or more sentences of natural language text;

deriving at least one suggestion for enhancing the one or more sentences **based on a dynamic profile**, the at least one suggestion conveying a different impression but retaining substantially the same meaning; and

returning a response including the at least one suggestion."

Whereas the cited reference teaches:

"A computer program that indicates lexical impact of various words and phrases in a text, measures the overall lexical impact of the text, and suggests alternatives for various words and phrases of the text. The computer program may include a ranked thesaurus for listing alternative words and phrases (e.g., synonyms, antonyms, related), along with an indication of their relative lexical impacts. The thesaurus may alternatively rank words and phrases according to other ranking systems." (Volcani Abstract).

As is well established, in order to successfully assert a prima facie case of anticipation, the Examiner must provide a single prior art document that includes every element and limitation of the claim or claims being rejected. In light of the present voluntary amendments to independent claims 1, 14, 27 and 39, Applicants respectfully assert that the Volcani reference is not sufficient as a single prior art document for the purpose of establishing a prima facie case of anticipation. The Volcani reference neither teaches nor suggests every element and limitation of independent claims 1, 14, 27 and 39 after amendment. More specifically, Applicants have amended the claims to now recite in part: "...determining at least one alternate text portion based on a dynamic profile for at least one original portion of the text..." (Applicants' claims 1, 14, 27) and "deriving at least one suggestion

for enhancing the one or more sentences **based on a dynamic profile, the at least one suggestion ...**" (Applicants' claim 39). Applicants respectfully assert that no new matter has been added as a result of this amendment and to that extent would like to point the Examiner to page 5 lines 33-35 of the specification of the present invention, citing: "**...the present invention also builds up a personal profile for a specific user, based on context equivalents selected and frequently used by the user...**" and further to page 16 lines 7-8 of the specification, citing: "**Reference is now made to FIG. 4, which is a simplified flowchart for a Learning, or Training Phase, in which database tables of a given profile are populated with linguistic entries...**". As evident from the text and the figure which it describes, the profile of the present invention is *dynamic* in nature, as defined in the Compact Oxford English Dictionary:

> **dynamic**
>
> • adjective 1 (of a process or system) <u>characterized by constant change or activity</u>. 2 full of energy and new ideas. 3 Physics relating to forces producing motion. Often contrasted with STATIC. 4 Music relating to the volume of sound produced by an instrument or voice.

Therefore the term *Dynamic Profile* is fully supported.

Applicants would like to point out to the Examiner that the cited reference fails to teach or suggest the above stated limitations of "**...determining at least one alternate text portion based on a dynamic profile...**" (Applicants' amended claims 1, 14, 27) and "**...enhancing the one or more sentences based on a dynamic profile...**" (Applicants' amended claim 39). The cited reference actually teaches away from the limitations recited in the independent claims of the present Application, by teaching a computer program that does not enable any learning or adaptation of profiles or database tables. More specifically, Volcani FIG. 3 teaches "**a table showing the content of a vocabulary database according**

to the present invention" where in the event of a negative answer to the question: "is current word present in vocabulary dbase 134?" (Volcani FIG. 3 step S4), the program, directly and inevitably proceeds to "get next text word from WP text dbase 132 as current word" (Volcani FIG. 3 step S3) with no modifications or updating being performed to the database.

Applicants have made these amendments only in the interest of expediting the prosecution of the present Application, and therefore, reserve all rights to file continuation patent applications with claims having similar or broader scope.

Applicants respectfully assert that the above stated voluntary amendments and clarifications, render independent claims 1, 14, 27 and 39 allowable over Volcani under 35 U.S.C. § 102 and requests reconsideration and withdrawal of the rejection of claims 1, 14, 27 and 39 and all claims dependent upon them.

35 U.S.C. § 103 Rejections

In the Office Action, the Examiner rejected claims 11-13, 24-26 and 41 under 35 U.S.C. § 103(a), as being unpatentable over Volcani et al. (Volcani, US 2003/0212655). In addition, the Examiner rejected claim 42 under 35 U.S.C. § 103(a), as being unpatentable over Volcani, in view of Pickover et al. (US 2003/0130898); claims 48-52 under 35 U.S.C. § 103(a), as being unpatentable over Volcani, in view of Kinder (US 2003/0212541); and claim 53 under 35 U.S.C. § 103(a), as being unpatentable over Volcani, in view of Anderson (US 5,678,053).
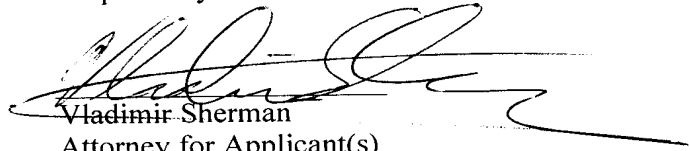
Applicants respectfully traverse the rejection of claims over Volcani et al. (Volcani, US 2003/0212655), because a prima facie case of obviousness has not been established. Furthermore, in light of the foregoing remarks regarding the 102 rejections, Applicant respectfully asserts that claims 11-13, 24-26, 41, 42, 48-52 and 53 are considered allowable by virtue of their dependence on allowable base claims.

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FILED: 07/03/2003
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In view of the foregoing amendments and remarks, all the pending claims are considered to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

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Dated: September 16, 2007

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